

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/732,923

Source: ifwo

Date Processed by STIC: 11/2/04

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IFWO

RAW SEQUENCE LISTING

DATE: 11/02/2004

PATENT APPLICATION: US/10/732,923

TIME: 15:11:06

Input Set : D:\pa_00613.rpt

Output Set: N:\CRF4\11022004\J732923.raw

1 <110> APPLICANT: Edgerton, Michael D
 3 <120> TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
 5 <130> FILE REFERENCE: 38-15(52796)C
 C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/732,923
 C--> 7 <141> CURRENT FILING DATE: 2003-12-10
 7 <150> PRIOR APPLICATION NUMBER: 10/310,154
 9 <151> PRIOR FILING DATE: 2002-12-04
 11 <160> NUMBER OF SEQ ID NOS: 24149
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 3317
 15 <212> TYPE: DNA
 16 <213> ORGANISM: Zea mays
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pg 6-7

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454 cggcggcagg gcgcggcctt cgtcaggggc agctccaggt tccggggagt caccagcac 1020
456 aagtcgggca agtgggaggc caggatcggc cagctcatgg gcaagaagta tgtgtacctg 1080
458 ggctgtatg acacagagac ggaggctgcc caggcatatg acaaggctgc catcaagtgc 1140

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/732,923

DATE: 11/02/2004
TIME: 15:11:07

Input Set : D:\pa_00613.rpt
Output Set: N:\CRF4\11022004\J732923.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:35; N Pos. 1751
Seq#:85; N Pos. 3710
Seq#:394; Xaa Pos. 51,62
Seq#:407; Xaa Pos. 356
Seq#:413; Xaa Pos. 250,254
Seq#:450; Xaa Pos. 25,54,63
Seq#:494; Xaa Pos. 209
Seq#:534; Xaa Pos. 373
Seq#:567; Xaa Pos. 250
Seq#:613; Xaa Pos. 103
Seq#:616; Xaa Pos. 425,470,491
Seq#:652; Xaa Pos. 265
Seq#:656; Xaa Pos. 36
Seq#:703; Xaa Pos. 392,393
Seq#:704; Xaa Pos. 217,218
Seq#:746; Xaa Pos. 27
Seq#:747; Xaa Pos. 27
Seq#:749; Xaa Pos. 163,176,327,346,362,367,370
Seq#:750; Xaa Pos. 12,16,153,154,269
Seq#:751; Xaa Pos. 1,6,44,45,95
Seq#:755; Xaa Pos. 47
Seq#:756; Xaa Pos. 15,16
Seq#:757; Xaa Pos. 1
Seq#:758; Xaa Pos. 101,104
Seq#:760; Xaa Pos. 4,470
Seq#:762; Xaa Pos. 12,13,114
Seq#:763; Xaa Pos. 9,15,49
Seq#:764; Xaa Pos. 25,43,44,135,166
Seq#:765; Xaa Pos. 1
Seq#:768; Xaa Pos. 46,68,75,93,100,174
Seq#:769; Xaa Pos. 1
Seq#:770; Xaa Pos. 517
Seq#:771; Xaa Pos. 517
Seq#:772; Xaa Pos. 38
Seq#:774; Xaa Pos. 1,224
Seq#:776; Xaa Pos. 158,159
Seq#:778; Xaa Pos. 26,27
Seq#:779; Xaa Pos. 158,159
Seq#:792; Xaa Pos. 367,379,386
Seq#:795; Xaa Pos. 1,19
Seq#:797; Xaa Pos. 25,53,81
Seq#:798; Xaa Pos. 23
Seq#:799; Xaa Pos. 1
Seq#:803; Xaa Pos. 1,20,21,216,217,254,255

RAW SEQUENCE LISTING ERROR SUMMARY
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Seq#:804; Xaa Pos. 255,256
Seq#:805; Xaa Pos. 1
Seq#:806; Xaa Pos. 23
Seq#:808; Xaa Pos. 1
Seq#:809; Xaa Pos. 142,146,181,183,186,189,190,193
Seq#:810; Xaa Pos. 1,384,454
Seq#:811; Xaa Pos. 202,203

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/732,923

DATE: 11/02/2004

TIME: 15:11:07

Input Set : D:\pa_00613.rpt

Output Set: N:\CRF4\11022004\J732923.raw

L:7 M:270 C: Current Application Number differs, Replaced Current Application No
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:3499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1740
L:7864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:3660
L:30955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:394 after pos.:48
L:32420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:407 after pos.:352
L:32926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:413 after pos.:240
L:36734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:450 after pos.:16
M:341 Repeated in SeqNo=450
L:40847 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:494 after pos.:208
L:44841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:534 after pos.:368
L:47462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:567 after pos.:240
L:50418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:613 after pos.:96
L:50759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:616 after pos.:416
M:341 Repeated in SeqNo=616
L:54757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:652 after pos.:256
L:55118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:656 after pos.:32
L:58871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:703 after pos.:384
L:58974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:704 after pos.:208
L:62978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:746 after pos.:16
L:63078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:747 after pos.:16
L:63297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:749 after pos.:160
M:341 Repeated in SeqNo=749
L:63367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:750 after pos.:0
M:341 Repeated in SeqNo=750
L:63434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:751 after pos.:0
M:341 Repeated in SeqNo=751
L:63762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:755 after pos.:32
L:63862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:756 after pos.:0
L:63959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:757 after pos.:0
L:64062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:758 after pos.:96
L:64221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:760 after pos.:0
M:341 Repeated in SeqNo=760
L:64353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:762 after pos.:0
M:341 Repeated in SeqNo=762
L:64390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:763 after pos.:0
M:341 Repeated in SeqNo=763
L:64430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:764 after pos.:16
M:341 Repeated in SeqNo=764
L:64473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:765 after pos.:0
L:64730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:768 after pos.:32
M:341 Repeated in SeqNo=768
L:64770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:769 after pos.:0
L:64915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:770 after pos.:512
L:65027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:771 after pos.:512
L:65052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:772 after pos.:32
L:65259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:774 after pos.:0
M:341 Repeated in SeqNo=774

VERIFICATION SUMMARY

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Input Set : D:\pa_00613.rpt

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L:65451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:776 after pos.:144
L:65628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:778 after pos.:16
L:65758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:779 after pos.:144
L:67043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:792 after pos.:352